

Michigan Educational Assessment Program  
State Summary Report  
Grade 4 Mathematics  
Winter 2002

Strands of Mathematics							
	Mean Points Earned	Points Possible	Question Number	No. Students Per		Condition Code	
				A	B	C	D
Patterns, Relationships, and Functions	5.0	7.0	13	332	0	2	2,610
Geometry and Measurement	6.1	11.0	38	273	2	1	1,861
Data Analysis and Statistics	6.5	9.0					
Number Sense and Numeration	6.0	9.0					
Numerical and Algebraic Operations and Analytical Thinking	4.3	6.0					
Probability and Discrete Mathematics	1.3	2.0					
Average Raw Score	29.1	44.0					
			Condition Codes				
			A Off-task	C Written in language other than English			
			B Illegible	D Blank/refused to respond			

	Percent Level 1	Percent Level 2	Percent Level 3	Percent Level 4	Number Tested	Number Included in Summary
2002 State	24.9	39.6	25.1	10.4	126,220	126,119

Level 1: Exceeded Michigan Standards  
Level 2: Met Michigan Standards  
Level 3: At Basic Level  
Level 4: Apprentice



Michigan Educational Assessment Program

WINTER 2002  
**STATE SUMMARY**  
ESSENTIAL SKILLS READING  
GRADE 4

DISTRICT: MICHIGAN DEPARTMENT OF TREASURY  
SCHOOL: PUBLIC SCHOOL DATA  
CODES: DISTRICT- 99-999 SCHOOL- 0001  
RUN DATE: 07/25/2002

**I. Distribution of Constructing Meaning Scores**

**Story Selection**

SCORE	PERCENT OF STUDENTS
358	7.0
345	11.9
331	13.2
323	12.3
316	10.5
310	8.6
305	7.1
300	5.8
296	4.8
292	4.0
288	3.5
284	2.8
280	2.3
276	1.9
271	1.5
266	1.2
261	0.8
254	0.5
245	0.2
232	0.1
219	0.1

**Informational Selection**

SCORE	PERCENT OF STUDENTS
336	10.8
324	18.0
311	17.8
303	14.1
297	10.1
292	7.1
288	5.0
283	3.6
279	2.7
276	2.1
272	1.8
268	1.5
264	1.3
261	1.1
256	1.0
252	0.8
247	0.6
241	0.3
233	0.2
220	0.1
209	0.1

Percent 300 and Above = **76.3**      Mean = **315.3**  
Number 300 and Above = **93072**      Std. Dev. = **23.9**

Percent 300 and Above = **60.7**      Mean = **304.0**  
Number 300 and Above = **74033**      Std. Dev. = **21.1**

**II. PROPORTIONS REPORT**

	2002	2001	2000	1999	BASE 1989
% Satisfactory	56.8	60.5	58.2	59.4	35.8
% Moderate	23.4	22.6	23.8	25.5	33.1
% Low	19.8	16.9	18.1	15.1	31.0
Number Included	121938	120968	122429	117809	112940
Story 300 & Above	% n= 76.3 93072	78.8 95238	78.9 79535	81.6 96155	65.8 74295
Info. 300 & Above	% n= 60.7 74033	65.0 78562	61.5 61982	62.8 73884	39.1 44104

Satisfactory Performance: the student scored 300 or above on each reading selection.  
Moderate Performance: the student scored 300 or above on only one reading selection.  
Low Performance: the student scored below 300 on each reading selection.

**Number Tested: 126243**

Michigan Educational Assessment Program  
State Summary Report  
Grade 5 Science  
Winter 2002

Strands of Science							
	Mean Points Earned	Points Possible	Question Number	No. Students Per Condition Code			
				A	B	C	D
Constructing New Scientific Knowledge	8.4	11.0	10	442	29	24	1,361
Reflecting on Scientific Knowledge	7.2	12.0	19	2,749	44	31	1,491
Using Life Science	6.8	8.0	31	1,174	0	22	1,453
Using Physical Science	6.5	9.0	35	472	0	25	1,241
Using Earth Science	7.8	11.0					
Average Raw Score	36.7	51.0					
			Condition Codes				
			A Off-task	C Written in language other than English			
			B Illegible	D Blank/refused to respond			

	Percent Level 1	Percent Level 2	Percent Level 3	Percent Level 4	Number Tested	Number Included in Summary
2002 State	27.9	45.3	22.3	4.5	129,386	129,272

Level 1: Exceeded Michigan Standards  
Level 2: Met Michigan Standards  
Level 3: At Basic Level  
Level 4: Apprentice

Michigan Educational Assessment Program  
State Summary Report  
Grade 5 Social Studies  
Winter 2002

Strands of Social Studies							
	Mean Points Earned	Points Possible	Question Number	No. Students Per Condition Code			
				A	B	C	D
			42	681	2	10	743
Historical Perspective	6.9	10.0					
Geographic Perspective	7.2	10.0					
Civic Perspective	5.5	10.0					
Economic Perspective	5.5	10.0					
Inquiry & Decision Making	2.3	5.0					
Average Raw Score	27.3	45.0					
			Condition Codes				
			A Off-task	C Written in language other than English			
			B Illegible	D blank/refused to respond			

	Percent Level 1	Percent Level 2	Percent Level 3	Percent Level 4	Number Tested	Number Included in Summary
2002 State	2.6	19.8	29.5	48.2	128,957	124,071
2001 State	1.2	17.5	34.5	46.8	129,897	121,914
2000 State	2.2	18.4	30.4	49.1	123,984	116,189
1999 State	1.7	17.0	27.4	53.9	120,808	112,581

Level 1: Exceeded Michigan Standards  
Level 2: Met Michigan Standards  
Level 3: At Basic Level  
Level 4: Apprentice

Michigan Educational Assessment Program  
State Summary Report  
Grade 5 Writing  
Winter 2002

Mean			No. Students Per Condition Code				Condition Codes	
Points	Points		A	B	C	D	A	C
Earned	Possible						Off-task	Written in language other than English
2.4	4.0	499	0	5	0		Illegible	Blank/refused to respond

Note: Written responses were evaluated by qualified scorers.

	Percent Proficient	Percent Not Yet Proficient		Number Tested	Number Included in Summary
2002 State	55.7	44.3		128,524	123,744
2001 State	61.0	39.0		129,359	121,940
2000 State	67.8	32.2		123,322	115,951
1999 State	54.8	45.2		120,694	112,887
1996 State	55.6	44.4		122,340	116,740

WINTER 2002  
**STATE SUMMARY**  
 ESSENTIAL SKILLS READING  
 GRADE 7

DISTRICT: MICHIGAN DEPARTMENT OF TREASURY  
 SCHOOL: PUBLIC SCHOOL DATA  
 CODES: DISTRICT- 99-999 SCHOOL- 0001  
 RUN DATE: 05/03/2002

I. Distribution of Constructing Meaning Scores			
Story Selection		Informational Selection	
SCORE	PERCENT OF STUDENTS	SCORE	PERCENT OF STUDENTS
333	15.6	339	15.0
321	22.1	326	17.1
308	18.9	313	14.4
300	14.0	304	11.1
294	9.3	298	8.4
288	6.3	293	6.5
284	4.0	288	4.9
279	2.7	284	4.0
275	1.8	279	3.2
271	1.2	276	2.8
267	0.9	272	2.4
263	0.8	268	2.1
259	0.6	264	1.9
255	0.5	260	1.7
251	0.5	256	1.4
246	0.4	251	1.2
240	0.3	246	0.8
233	0.2	239	0.5
225	0.1	231	0.2
211	0.0	217	0.1
199	0.1	205	0.2

Percent 300 and Above = 70.6  
Number 300 and Above = 87294

Mean = 306.1  
Std. Dev. = 19.8

Percent 300 and Above = 57.6  
Number 300 and Above = 71320

Mean = 304.3  
Std. Dev. = 25.1

II. PROPORTIONS REPORT						
		2002	2001	2000	1999	BASE 1989
% Satisfactory		50.9	57.9	48.4	53.0	33.1
% Moderate		26.5	23.5	30.4	26.6	31.6
% Low		22.7	18.7	21.2	20.4	35.3
Number Included		123724	115497	114802	114368	107111
Story 300 & Above	% n =	70.6 87294	68.9 79561	73.5 77642	73.2 83665	59.9 64092
Info. 300 & Above	% n =	57.6 71320	70.5 81235	54.2 57170	59.6 68041	38.0 40604
<p><u>Satisfactory Performance</u>: the student scored 300 or above on <u>each</u> reading selection.</p> <p><u>Moderate Performance</u>: the student scored 300 or above on <u>only one</u> reading selection.</p> <p><u>Low Performance</u>: the student scored below 300 on <u>each</u> reading selection.</p>						
Number Tested: 128875						

District: PUBLIC SCHOOLS  
 Code: District- 99999  
 Run Date: 05/03/02

**Michigan Educational Assessment Program  
 State Summary Report  
 Grade 7 Writing  
 Winter 2002**

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Mean								
Points	Points	No. Students	Per Condition	Code				
Earned	Possible	A	B	C	D	A Off-task	C Written in language other than English	
2.5	4.0	1,019	4	10	0	B Illegible	D Blank/refused to respond	

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Note: Written responses were evaluated by qualified scorers.

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	Percent Proficient	Percent Not Yet Proficient		Number Tested	Number Included in Summary
<b>2002</b> State	66.2	33.8		127,523	122,536
<b>2001</b> State	68.2	31.8		122,454	115,120

Michigan Educational Assessment Program

State Summary Report

Grade 8 Mathematics

Winter 2002

Strands of Mathematics							
	Mean Points Earned	Points Possible	Question Number	No. Students A	Per B	Condition C	Code D
Patterns, Relationships, and Functions	5.3	9.0	29	867	0	0	5,240
Geometry and Measurement	5.8	10.0	42	573	0	0	4,588
Data Analysis and Statistics	6.2	9.0					
Number Sense and Numeration	3.1	5.0					
Numerical and Algebraic Operations and Analytical Thinking	5.1	10.0					
Probability and Discrete Mathematics	2.8	5.0					
Average Raw Score	28.3	48.0					
			Condition Codes				
			A Off-task	C Written in language other than English			
			B Illegible	D Blank/refused to respond			

	Percent Level 1	Percent Level 2	Percent Level 3	Percent Level 4	Number Tested	Number Included in Summary
2002 State	29.4	24.4	22.6	23.6	123,013	122,961

Level 1: Exceeded Michigan Standards  
Level 2: Met Michigan Standards  
Level 3: At Basic Level  
Level 4: Apprentice



Michigan Educational Assessment Program  
State Summary Report  
Grade 8 Science  
Winter 2002

Strands of Science							
	Mean Points Earned	Points Possible	Question Number	No. Students A	Per B	Condition C	Code D
Constructing New Scientific Knowledge	8.7	13.0	11	222	2	29	822
Reflecting on Scientific Knowledge	5.9	9.0	28	831	2	24	2,036
Using Life Science	6.9	12.0	35	1,379	0	34	2,939
Using Physical Science	6.1	12.0	39	1,755	2	31	3,404
Using Earth Science	9.2	12.0					
Average Raw Score	36.7	58.0					
Condition Codes							
		A Off-task		C Written in language other than English			
		B Illegible		D Blank/refused to respond			

	Percent Level 1	Percent Level 2	Percent Level 3	Percent Level 4	Number Tested	Number Included in Summary
2002 State	14.8	51.8	20.8	12.6	123,076	123,016

Level 1: Exceeded Michigan Standards  
Level 2: Met Michigan Standards  
Level 3: At Basic Level  
Level 4: Apprentice

Michigan Educational Assessment Program  
State Summary Report  
Grade 8 Social Studies  
Winter 2002

Strands of Social Studies			Question Number	No. Students Per Condition Code			
	Mean Points Earned	Points Possible		A	B	C	D
			42	285	1	5	1,023
Historical Perspective	6.4	10.0					
Geographic Perspective	5.7	10.0					
Civic Perspective	5.6	10.0					
Economic Perspective	6.9	10.0					
Inquiry & Decision Making	2.2	5.0					
Average Raw Score	26.8	45.0					
Condition Codes							
		A Off-task		C Written in language other than English			
		B Illegible		D Blank/refused to respond			

	Percent Level 1	Percent Level 2	Percent Level 3	Percent Level 4	Number Tested	Number Included in Summary
2002 State	8.1	23.9	26.2	41.7	122,751	118,532
2001 State	5.8	24.0	28.6	41.6	120,963	113,519
2000 State	6.1	24.7	28.8	40.4	119,829	112,568
1999 State	4.8	23.0	29.9	42.3	120,711	113,486

Level 1: Exceeded Michigan Standards  
Level 2: Met Michigan Standards  
Level 3: At Basic Level  
Level 4: Apprentice